



three eighths inch = one foot  
one and one half inch = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

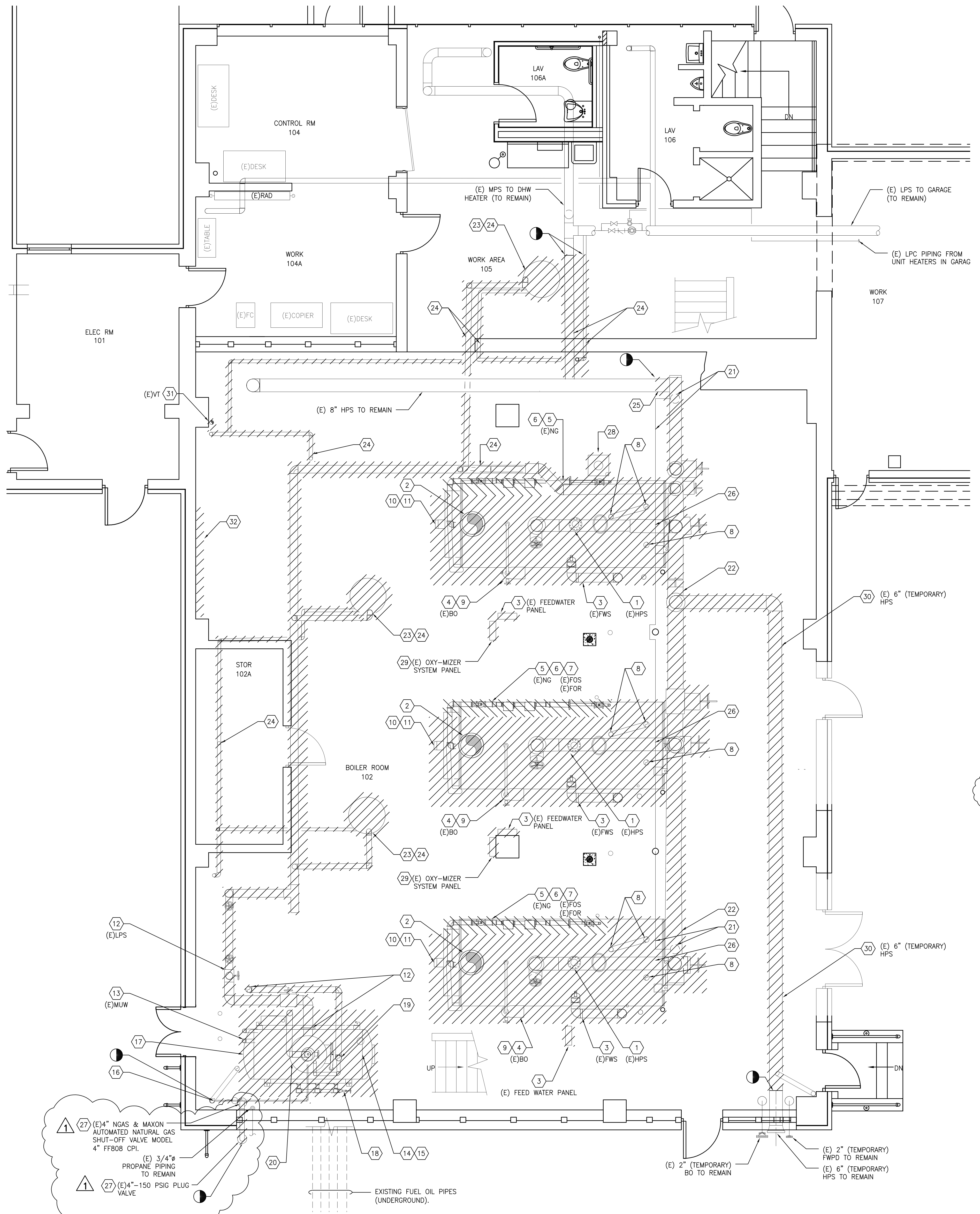
P:\0499\_DVA\3-0499-0034 Altona Boiler Replacement\2 Drawings\1\_Cad\1\_Current\_Submittal\_Phase\6\_Mechanical\MD-102\_DEMO.dwg 1-29-16 03:32:33 PM gorce

GENERAL SHEET NOTES:

1. THE CONTRACTOR SHALL BASE THEIR CONSTRUCTION SCHEDULE AND WORK PLAN WITH THE PHASING PLAN SUMMARIZED IN THE PROJECT SPECIFICATIONS TO MINIMIZE DISRUPTIONS TO THE STEAM, CONDENSATE AND ELECTRICAL SYSTEMS. THE FACILITY HAS RESTRICTED THE SHUTDOWN PERIOD TO TWO (2) HOURS (MAXIMUM) DURATION. ALL SHUTDOWNS MUST BE SCHEDULED WITH THE FACILITY COR.

SHEET KEYNOTES:

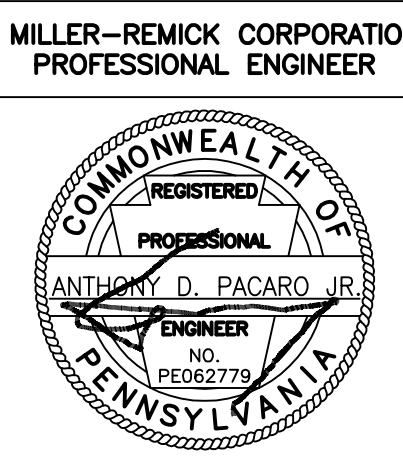
1. CONTRACTOR SHALL REMOVE HIGH PRESSURE STEAM PIPING, VALVES, FITTINGS, AND APPURTENANCES FROM BOILERS TO THE STEAM HEADER.
2. CONTRACTOR SHALL REMOVE THE ENTIRE BOILER BREECHING AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO TERMINATION. ALL ROOF PENETRATIONS SHALL BE TEMPORARILY SEALED AND MADE WEATHER TIGHT UNTIL THE NEW EQUIPMENT IS INSTALLED.
3. CONTRACTOR SHALL CUT AND REMOVE THE BOILER FEED WATER PIPING, VALVES, FITTINGS, AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
4. CONTRACTOR SHALL CUT AND REMOVE ALL SURFACE AND BOTTOM BOILER BLOW DOWN PIPING, VALVES AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
5. CONTRACTOR SHALL CUT AND REMOVE NATURAL GAS PIPING, VALVES AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
6. CONTRACTOR SHALL CUT AND REMOVE PROPANE PIPING, VALVES AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
7. CONTRACTOR SHALL CUT AND REMOVE FUEL OIL SUPPLY AND RETURN PIPING, VALVES AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
8. CONTRACTOR SHALL REMOVE ALL SAFETY RELIEF VALVE DISCHARGE AND DRAIN PIPING AND APPURTENANCES FROM THE (3) THREE BOILERS. ALL REMAINING ROOF PENETRATIONS MUST BE PERMANENTLY SEALED AND MADE WEATHER-TIGHT. SEE STRUCTURAL DRAWINGS.
9. CONTRACTOR SHALL CUT AND REMOVE ALL CHEMICAL FEED PIPING, VALVES AND APPURTENANCES FROM EACH OF THE (3) THREE BOILERS TO THE EXTENTS OF THE DEMOLITION SHOWN.
10. CONTRACTOR SHALL REMOVE ALL BOILER CONTROL TUBING AND SIGNAL WIRING, CONTROL PANELS, ETC. FROM EACH OF THE (3) THREE BOILERS.
11. CONTRACTOR SHALL REMOVE (3) THREE CLEAVER-BROOKS 300-HP FIRE TUBE BOILERS.
12. CONTRACTOR SHALL CUT AND REMOVE LOW PRESSURE STEAM PIPING, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
13. CONTRACTOR SHALL CUT AND REMOVE MAKE-UP WATER PIPING, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
14. CONTRACTOR SHALL CUT AND REMOVE CONDENSATE TRANSFER PUMP DISCHARGE PIPING, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
15. CONTRACTOR SHALL CUT AND REMOVE FEED WATER PUMP SUCTION PIPING, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
16. CONTRACTOR SHALL CUT AND REMOVE 1" DA VENT PIPING FROM THE DEAEATOR TRAY BACK TO EXISTING 4" VENT PIPE. EXISTING 4" VENT RISER PIPING TO REMAIN.
17. CONTRACTOR SHALL CUT AND REMOVE DEAEATOR OVERFLOW, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
18. CONTRACTOR SHALL CUT AND REMOVE CHEMICAL FEED PIPING, VALVES AND APPURTENANCES FROM THE DEAEATOR TO THE EXTENTS OF THE DEMOLITION SHOWN.
19. CONTRACTOR SHALL REMOVE ALL SAFETY RELIEF VALVE DISCHARGE AND DRAIN PIPING AND APPURTENANCES FROM THE DEAEATOR. ALL REMAINING ROOF PENETRATIONS MUST BE PERMANENTLY SEALED AND MADE WEATHER-TIGHT. SEE STRUCTURAL DRAWINGS.
20. CONTRACTOR SHALL REMOVE DEAEATOR AND APPURTENANCES.
21. CONTRACTOR SHALL REMOVE ALL HIGH PRESSURE STEAM AND CONDENSATE PIPING, VALVES, TRAPS, AND OTHER APPURTENANCES FROM THE STEAM HEADER TO THE EXTENTS OF THE DEMOLITION SHOWN.
22. CONTRACTOR SHALL REMOVE ENTIRE HIGH PRESSURE STEAM HEADER, VALVE, AND APPURTENANCES.
23. CONTRACTOR SHALL REMOVE ALL STEAM UNIT HEATERS, STEAM AND CONDENSATE PIPING, VALVES, AND APPURTENANCES.
24. CONTRACTOR SHALL REMOVE ALL STEAM AND CONDENSATE PIPING, VALVES, TRAPS AND APPURTENANCES.
25. CONTRACTOR SHALL REMOVE HIGH PRESSURE STEAM PIPING, VALVES AND APPURTENANCES TO POINT OF DISCONNECTION.
26. CONTRACTOR SHALL REMOVE THE EXISTING ENDRESS & HAUSER VORTEX STEAM FLOW MEASURING SYSTEM (PROLINE PROWIRL 73F SENSOR (6"-150 PSIG FLANGE), TRANSMITTER & METER) FROM THE EXISTING STEAM PIPING AND REINSTALL THE FLOW MEASURING SYSTEM INTO THE NEW STEAM PIPING. SIMILAR (4) PLACES.
27. CONTRACTOR SHALL CAREFULLY REMOVE THE EXISTING 4" MAXON AUTOMATED NATURAL GAS SHUT-OFF VALVE AND REINSTALL VALVE INTO THE NEW NATURAL GAS PIPING (SEE ELECTRICAL DRAWINGS FOR ELECTRICAL AND UPS REQUIREMENTS). REFER TO DRAWING MP-603, NATURAL GAS AND NO. 2 FUEL OIL FLOW DIAGRAM - EXISTING CONDITIONS AND DEMOLITION FOR EXTENT OF SYSTEM DEMOLITION.
28. REMOVE 20"x20" SALT DUMP STATION AND RETAIN FOR RE-INSTALLATION. REMOVE 8" PVC PIPING DOWN TO BRINE TANK IN BASEMENT AND SEAL EXISTING FLOOR PENETRATION. SEE AD-101.
29. CONTRACTOR SHALL REMOVE THE OXY-MIZER CABINET, TUBING AND APPURTENANCES.
30. CONTRACTOR SHALL REMOVE 6" TEMPORARY STEAM PIPING AND APPURTENANCES TO POINT OF DISCONNECT.
31. CONTRACTOR SHALL CUT AND REMOVE VENT PIPING UP THROUGH ROOF.
32. CONTRACTOR TO CUT & CAP COMPRESSED AIR LINE AND ANY OTHER MECHANICAL SYSTEM WHERE THE NEW LOUVER IS TO BE INSTALLED.



1 MECHANICAL DEMOLITION PLAN - FIRST FLOOR  
1/4" = 1'-0"

CONSULTANTS:

ARCHITECT/ENGINEERS:



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Drawing Title  
**MECHANICAL DEMOLITION  
BOILER PLANT-FIRST FLOOR**

Approved: Project Director

Project Title  
**ALTOONA BOILER  
REPLACEMENT**

Location **VA MEDICAL CENTER  
ALTOONA, PA**

Date  
**06-03-2014**

Checked  
**JJM**

Drawn  
**GQP**

Project Number  
**503-13-120**

Building Number  
**BLDG. 03**

Drawing Number  
**MD-102**  
Dwg. 19 of 63

Office of  
Construction  
and Facilities  
Management

